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PTO/SB/05 (03-01)

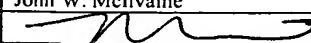
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</small>		Attorney Docket No. 0028-011564 First Inventor Harry P. FINKE et al. Title <b>BURNER FOR SYMMETRICAL COMBUSTION AND METHOD</b> Express Mail Label No. EL 763583372US	
<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Commissioner For Patents Box Patent Application Washington, DC 20231	
1. <input type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small> 3. <input checked="" type="checkbox"/> Specification [Total Pages <u>14</u> ] <small>(preferred arrangement set forth below)</small> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>4</u> ] 5. Oath or Declaration [Total Pages <u>    </u> ] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
<b>ACCOMPANYING APPLICATION PARTS</b>			
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 C.F.R. 3.73(b) Statement <input type="checkbox"/> Power of <small>(when there is an assignee) Attorney</small> 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS <small>Statement (IDS)/PTO-1449 Citations</small> 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Nonpublication Request under 35 USC 122(b)(2)(B)(i). <small>Applicant must attach form PTO/SB/35 or its equivalent.</small> 17. <input checked="" type="checkbox"/> Other: <u>Letter Recognizing Attorneys</u>			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input checked="" type="checkbox"/> Continuation-in-part (CIP) of prior application No: <u>09 / 744,845</u> Prior application information: Examiner <u>Winston M. Alvarado</u> Group Art Unit: <u>3743</u> <b>For CONTINUATION or DIVISIONAL APPS only:</b> The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can</u> only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
<b>19. CORRESPONDENCE ADDRESS</b>			
<input type="checkbox"/> Customer Number or Bar Code Label <span style="border: 1px solid black; padding: 2px;">(Insert Customer No. or Attach bar code label here)</span> or <input checked="" type="checkbox"/> Correspondence address below			
Name		John W. McIlvaine	
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Name (Print/Type)	John W. McIlvaine	Registration No. (Attorney/Agent)	34,219
Signature		Date	12/28/01

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 comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office,  
 Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box  
 Patent Application, Washington, D.C. 20231.

12/28

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

**Harry P. Finke et al.**

**28-011564**

ENTITLED

**"BURNER FOR NON-SYMMETRICAL COMBUSTION AND METHOD"**

To the **Application Branch**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number **EL763583372US**

Date of Deposit **December 28, 2001**

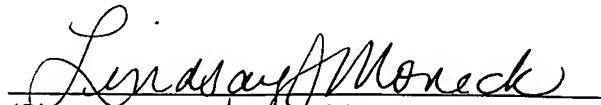
I hereby certify that the following attached paper or fee

**UTILITY PATENT APPLICATION TRANSMITTAL (1 pp. in-trip); SPECIFICATION (14 pp.); CLAIMS (5 pp.); ABSTRACT (1 pp.); DRAWINGS (4 sheets); LETTER RECOGNIZING ATTORNEYS (2 pp.)**

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Lindsay J. Moneck

(Typed name of person mailing paper or fee)

  
(Signature of person mailing paper or fee)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
: **Harry P. FINKE** :  
: **Gregory T. KITKO** :  
: **Marty R. MCGHEE** :  
: **David G. SCHALLES** :  
: **BURNER FOR NON-SYMMETRICAL** :  
: **COMBUSTION AND METHOD** :  
Serial No. Not Yet Assigned :  
Filed Concurrently Herewith :

Pittsburgh, Pennsylvania  
December 28, 2001

**LETTER RECOGNIZING ATTORNEYS**

BOX: PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed for filing is a continuation-in-part application United States Application  
Serial No. 09/744,845, filed August 29, 2001, which claims the benefit of United States  
Provisional Application Serial No. 60/094,607, filed July 30, 1998. for patent as above-  
identified, comprising a Specification (14pp.), Claims (5pp.), Abstract (1p.) and Drawings (4pp.).

Information regarding the inventors and the application is as follows:

1. Name and  
Residence Address: **Harry P. Finke**  
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**Cornelius, NC 28031**

**David G. Schalles**  
**129 Stevens Ridge Drive**  
**Jefferson Hills, PA 15025**

2. Citizenship: **All listed above are United States citizens**
3. Title: **BURNER FOR NON-SYMMETRICAL COMBUSTION AND METHOD**
4. Priority: This application is a continuation-in-part of United States Application Serial No. 09/744,845, filed August 29, 2001, which claims the benefit of United States Provisional Application Serial No. 60/094,607, filed July 30, 1998.
5. Drawings: 4 sheets of drawings containing 7 figures
6. Claims: 30 claims 3 independent claims

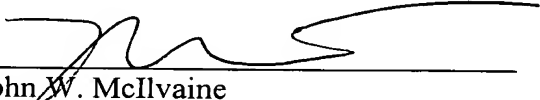
Please accept the application for purposes of granting a filing date pursuant to 37 C.F.R. §1.53(b) and recognize John W. McIlvaine, Russell D. Orkin, and Christian E. Schuster, Registration Nos. 34,219; 25,363; and 43,908, respectively, as attorneys in this application, pending the filing of a formal Declaration and Power of Attorney and payment of the filing fee. 37 C.F.R. §1.53(f).

Kindly direct all communications relating to this application to John W. McIlvaine.

Respectfully submitted,

**WEBB ZIESENHEIM LOGSDON**  
**ORKIN & HANSON, P.C.**

By

  
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